

Calcium Hardness Test Tablets

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier

Trade Name Calcium Hardness Test Tablets

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Water Testing

1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire GL52 7RS

Telephone: +44 (0) 8712 229081 Fax: +44 (0) 8712 229083
E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class Hazard Statements

Skin Corrosion H314

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health: See section 11 for toxicological information.
Physical & Chemical Hazards: See section 9 for toxicological information.
Potential environmental effects: See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS05: Corrosion

Hazard symbols:



Signal word: Danger

Hazard statements: H314 Causes severe skin burns and eye damage

Precautionary statements: P280 Wear protective gloves/protective clothing
P301+330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Hazardous components which must be listed on the label: Lithium Hydroxide

2.3 Other Hazards

Other Hazards: No other information is available.

3. Composition/information on ingredients**3.1 Mixture**

Chemical nature: Mixture of substances listed below with nonhazardous additions

Ethylenediametetraacetic Acid Tetra sodium salt

EINECS	CAS No:	Index No	%	CLP Classification
-	194491-31-1	-	5-10%	Acute Tox. 4 H302; Eye Dam. 1 H318
Lithium hydroxide				
215-183-4	1310-66-3	-	10-30%	Acute Tox. 4 H302; Skin Corr. 1A H314; Corr. 1B H314
Microcrystalline cellulose				
232-674-9	9004-34-6	-	30-60%	-

4. First Aid measures**4.1 Description of first aid measures**

General Advice: Take off all contaminated clothing immediately.

If inhaled: : Unlikely route of exposure as the product does not contain volatile substances

In case of skin contact: Wash off immediately with plenty of soap & water. If irritation appears seek medical advice

In case of eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed: Clean mouth with water and drink plenty of water. Call an ambulance and take these instructions. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If a person vomits when lying on his back place him in the recovery position.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat Symptomatically.

5. Fire fighting measures**5.1 Extinguishing media:**

Suitable media: Use extinguishing measures that are appropriate and local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific Hazards: No further information available.

5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Further Information: Collect contaminated fire extinguishing water separately.

6. Accidental release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Use personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Cleaning Up Collect in containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol

Further information Treat recovered material as described in the section 'Disposal considerations'

6.4 Reference to other sections

References: For personal protection see section 8

7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling: Keep container tightly closed. Use personal protective equipment. Avoid contact with the skin and the eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities.

Storage Requirements Store in original container in a dry, cool place

Fire and explosion: No further information available.

Common storage: Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific use(s) No information is available.

8. Exposure control/personal protection**8.1 Control parameters** Acute Toxicity

Ethylenediametetraacetic acid tetra sodium salt

Regulatory List:	TWA*	Value	
WEL	8 hrs	4	mg/m ³
WEL	15 min	20	mg/m ³

*Time Weighted Average

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection Not required

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Tightly fitting safety goggles approved to standard EN 166 .

Skin and body protection Acid resistant protective clothing.

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Solid
Colour:	Pink
Odour:	odourless
Water solubility:	completely miscible.
Explosive properties:	Product is not explosive.

9.2 Other Information

Other Information	No further information
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10. Stability and reactivity

10.1 Reactivity

Reactivity	No information available.
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10.2 Chemical stability

Chemical stability	No decomposition if stored and applied as directed.
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10.3 Possibility of hazardous reactions

Hazardous reactions:	No hazardous reactions known
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10.4 Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
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10.5 Incompatible materials

Materials to avoid	No information available.
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10.6 Hazardous decomposition products

Haz. Decomp. products:	Stable under recommended storage conditions.
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11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity	Oral: Corrosive Causes burns
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Primary irritant effect:

On the skin:	Corrosive Causes burns to skin
On the eye:	Corrosive Causes burns to eyes

Other relevant toxicity information

Further information:	All numerical values for acute toxicity are calculated on the pure substances. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.
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12. Ecological Information

12.1 Toxicity

Toxicity	There is no data on the etoxicity of this product. The product components are not classified as environmentally hazardous.
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12.2 Persistence and degradability

Persistence and degradability	No information available
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12. Ecological Information**12.3 Bioaccumulative potential**

Bioaccumulative potential No information available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Adverse effects The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

13. Disposal Considerations**13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information**14.1 UN Number** UN2680**14.2 UN proper shipping name** LITHIUM HYDROXIDE**14.3 Transport hazard class(es)**

ADR / RID Class	8
Label	8
Classification code	c1
Hazard ID	80
Tunnel Restriction code	(E)
IMDG Class	8
Labels	8
EMS	F-A,S-B

14.4 Packaging Group

ADR / RID / IMDG: II

14.5 Environmental hazards

Labelling according to 5.2.1.8 ADR/RID/IMDG:	No
Classification as environmentally hazardous according to 2.9.3 IMDG:	no
Classified as 'P' according to 2.10 IMDG:	no

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG: Not applicable

Trade Name: Calcium Hardness Test Tablets

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.

15.2 Chemical Safety Assessment

No data available

16. Other information

Full text of H-statements referred to under sections 2 and 3
H314 Causes severe skin burns and eye damage

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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█ Indicates updated section